

**Search Notes**

Application No.

09/308,830

Examiner

Robert A. Zeman

Applicant(s)

SCHLIEVERT ET AL.

Art Unit

1645

**SEARCHED**

Class	Subclass	Date	Examiner
514	2	1/9/2000	LL
514	12	1/9/2000	LL
424	184.1	1/9/2000	LL
424	190.1	1/9/2000	LL
424	243.1	1/9/2000	LL
435	69.1	1/9/2000	LL
	Updated	9/27/2000	LL
	Updated	8/1/2703	RZ
	Updated	4/12/2004	RZ
	Updated	12/1/2004	RZ

**INTERFERENCE SEARCHED**

Class	Subclass	Date	Examiner
514	2, 12	12/1/2004	RZ
424	184.1, 190.1	12/1/2004	RZ
435	69.1	12/1/2004	RZ
SEQ ID NO:14		12/1/2004	RZ

**SEARCH NOTES  
(INCLUDING SEARCH STRATEGY)**

	DATE	EXMR
WEST, STN, medline, biosis Inventors terms: SPE-A toxin, mutant, mitogenicity, streptococcus, vaccine PAML	1/9/2000	LL
Updated	9/27/2000	LL
Updated Unable to check related case 08/973,391 for ODP, file unavailable. Inventor search.	8/27/2003	RZ
Updated	4/12/2004	RZ
Updated	12/1/2004	RZ